

Exhibit A BEST AVAILABLE COPY**CURRICULUM VITAE**

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PhD (Manchester)
BSc.(Hons)Chemistry

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A well-qualified industrial chemist with a doctorate in polymer chemistry currently operating as Principal of a consultancy and development agency in fire resistant materials. As Technical Director of a specialist materials company, a proven track record of innovative materials development has been demonstrated. Nine years of additional experience have been gained with a major chemical company in roles ranging from R&D project management to that of a broad-based Technology Manager requiring a high level of commercial awareness and customer contact. Much additional management and skills training has been obtained. To date, the candidate has been cited as an inventor in nine patent applications and has authored and presented many technical conference papers.

TRAINING RECORD

1984 - 87	UMIST, Manchester Doctor of Philosophy (PhD). Thesis entitled : "Ethylene-propylene-diene Terpolymerisation Studies".
1980 - 84	UMIST, Manchester Bachelor of Science (Hons) Degree in Chemistry (specialising in chemical technology)
1975 - 79	Kingham Hill School, Kingham, Oxfordshire 3 'A' levels (Chemistry, Mathematics, Biology) 9 'O' levels
<u>Also:</u> April '95	'Introduction to Management' course, Ashridge Management College
1987-96	Personal development courses undertaken whilst employed by BP Chemicals Ltd.: ✓ Presentation skills

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- ✓ Stress management
- ✓ Time management
- ✓ Personnel management
- ✓ Assessment training
- ✓ Information technology

A. CAREER SUMMARY

11/1996 to 4/00	Alderley Materials Ltd. Technical Director
1987 – 96	BP Chemicals Ltd., Sully, South Glamorgan, U.K. 1989-96: Technology Manager, Cellobond FRP Phenolic Resins Business 1987-89: Research Chemist, R&D Group

B. EMPLOYMENT HISTORY

9/00 – Date	Pyro Technologies Founded consultancy and development agency in the field of advanced fire and thermally resistant materials. Pyro Technologies own unique phenolic syntactic foam technology and have developed other novel technologies in association with expert partners. Clients/ partners have included: <ul style="list-style-type: none">○ Airbus Deutschland GmbH○ Chubb Lips Safes BV○ Alderley Materials Ltd.○ Borden Chemical Ltd.○ Fibrecast (UK) Ltd.○ BAe Systems Ltd.○ Defence Evaluation & Research Agency (QinetiQ Ltd.)○ Hyperlast Ltd.○ MCS Cylinder Systems GmbH○ Fiberline AB
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- o Divinycell International AB
- o EDM Spanwall Ltd./ X-Flam Ltd.
- o Smyth Composites Ltd.
- o Vello Nordic AS
- o Furmanite International
- o Firesafe Innovations LLC

11/96 - 9/00

Alderley Materials Ltd., Berkeley, Gloucestershire

Employed as Technical Director of Alderley Materials Ltd. with responsibility for R&D, production and business development in non Oil & Gas markets. Company turnover more than doubled year on year during this period of employment as the result of successfully applying new technology.

Responsible for the development of unique phenolic resin based materials and associated low temperature curing phenolic resin technology. Materials were applied in the Oil & Gas industry for passive fire protection and high temperature insulation duty. Technology was then extended into aerospace, defence, marine and public transportation sectors.

1989 - 11/96

BP Chemicals Ltd., Sully, South Glamorgan

Employed as Technology Manager for the FRP (Fibre Reinforced Plastic) Group within BP Chemicals Cellobond phenolic resins business. Responsibilities included:

- ✓ Development
- ✓ Customer Technical Service
- ✓ Budgetary control
- ✓ Technical promotion (conference papers, exhibitions)
- ✓ Drafting technical literature
- ✓ Support to international agents and licensees (Europe, USA, S. Africa)
- ✓ Customer training
- ✓ Management of a small team

In the early stages of this position, significant development work was undertaken which resulted in successful patent protection of intellectual property. Experience was gained of both management and of working within a multifunctional team where networking and commercial

awareness were critical to success. Extensive use was made of IT systems (PC and mainframe). Broad skills training was supplied by the company inclusive of a one-week management training course at Ashridge Management College.

1987 - 89

BP Chemicals Ltd., Sully, South Glamorgan

Prior to the above post, employed as a Research Chemist within the R&D Group as a member of team working to commercialise a range of novel barrier nylons (amorphous polyamides). Prime responsibility was for the process technology via a reactive extrusion route, which was also novel. The project ultimately achieved it's technical targets but was halted for commercial reasons. However, IP protection was gained for the technology resulting in the filing of four patents.

During this period, valuable experience was gained in project management and in both working independently and as part of a small team in an industrial setting. Regular written reports and presentation were given to senior Research and Business Development Managers.

1979 - 80

Associated Octel Ltd., Bletchley, Milton Keynes

Employed as a Laboratory Technician prior to commencing a degree course at University. Experience was gained in a wide range of analytical techniques relating to fuels and their additives. Responsibilities included the control of a small programme under supervision and the running of the equipment within a dedicated chromatography laboratory.

C. PRESENTATIONS & PUBLICATIONS

1. "The Use of Fire-Safe Phenolic Composite Materials in Marine Applications", Cruise & Ferry '93, Olympia, London, 1993.
2. "Phenolic Composites - Novel Developments in Products and Processing", Railtech '94, NEC, Birmingham, 1994.
3. "Structural Phenolic Composites for Load Bearing in Fire", IMAS '94 Conference, Society of Marine Architects, London, 1994.
4. "Phenolic Composites - No More Excuses", JEC '96, Paris, 1996.
5. "Phenolic Resin in Stack and Duct Service", CICIND Conference, Santorini, 1996.
6. "High integrity fire protection and thermal insulation through the use of novel, ambient-curable coating systems and core materials based on phenolic syntactic foams and composites", Offshore Composites Update Workshop, University of Newcastle, June 1998.

(This paper also presented to and published by both the Institute of Chemical Engineers and the Technical Co-operation Panel, DERA.)

7. "ContraTherm Syntactic Phenolic Foam and Composite Systems – Innovative Fire Protection", Composites in Fire, University of Newcastle, September 1999.
8. "ContraTherm phenolic syntactic systems - Innovative Solutions to Fire, Fatigue and Impact Resistance in Composites", Composites in the Rail Industry II, NEC, Birmingham, October 1999.
9. "ContraTherm Syntactic Phenolic Foam and Composite Systems – Lightweight, Innovative Fire Resistant Structures and Coatings", Lightweight Construction-Latest Developments, RINA, London, February 2000.
10. "ContraTherm Technology - Designing for Fire and Blast Resistance with Phenolic Syntactic Composites", Offshore & Marine Composites, University of Newcastle, April 2000.
11. "Development of Novel Phenolic Foam Cores and Sandwich Structures for Aircraft Interiors", Composites in Fire II, University of Newcastle, September 2001.
12. "PyroLast – 'Green' Composite Materials Technology for Extreme Fire Resistance", Composites in Fire II, University of Newcastle, September 2001.
13. "The Development of Novel Phenolic Foam Cores & Sandwich Structures in Aircraft Interior Applications", SAMPE 2003 conference, Paris, April 2003.

All the above papers were also published in either conference proceedings or relevant Society Journals.

D. PATENTS

Named as inventor or co-inventor in patents either granted or applied for in the following areas :

- ✓ Amorphous polyamide formulation and production by reactive extrusion techniques (3 patents)
- ✓ Cure of phenolic resins in partial phosphate esters.
- ✓ Thixotropic phenolic compositions.
- ✓ Hybrid phenolic-siloxane resins.
- ✓ Novel phenolic resins.
- ✓ Phenolic Syntactic Foam Systems.
- ✓ Polyurethane/wood composite materials.

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E. OTHER INFORMATION

Skills: Full Driving Licence, extensive computer literacy.

Interests: Christianity, Horse Riding, Music (saxophone); Theatre and Arts; Hill Walking; Travel.

Personal: Date of Birth : 6/6/62 (Thailand)
Married, one child.

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